

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP002997.D
 Acq On : 17 Aug 2020 11:57
 Operator : CG/JU
 Sample : PB130950TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130950TB

Quant Time: Aug 17 14:15:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	285641	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1295427	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	677223	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1461881	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1531916	20.00	ng	0.00
86) Perylene-d12	23.42	264	1646708	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2515845	134.80	ng	0.00
7) Phenol-d6	6.86	99	2558712	98.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1491429	62.36	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1055158	125.36	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4074937	82.21	ng	0.00
79) Terphenyl-d14	19.66	244	5710987	74.63	ng	0.00

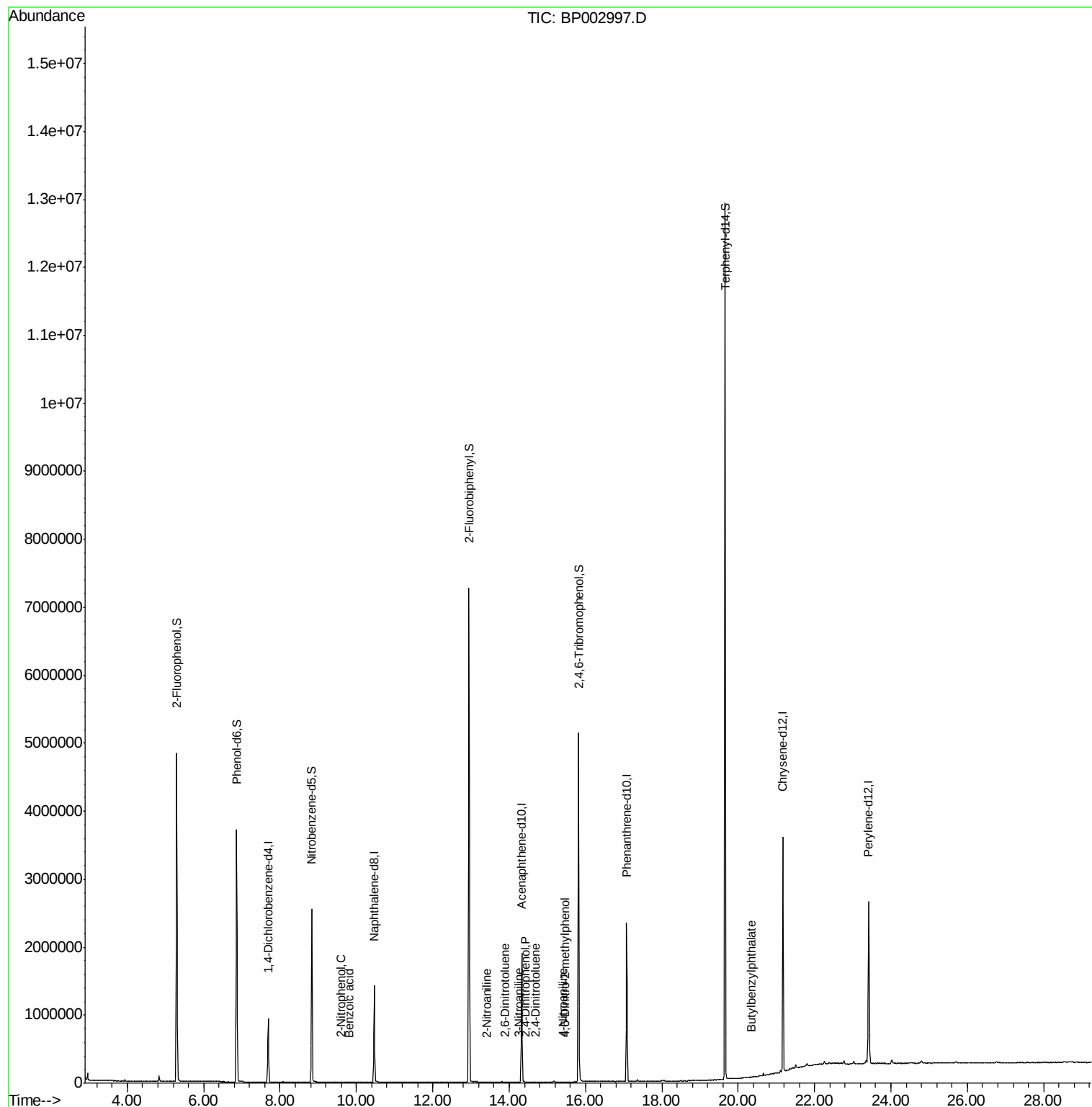
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.59	139	69	4.526	ng	# 1
32) Benzoic acid	9.81	122	20	7.687	ng	# 1
48) 2-Nitroaniline	13.40	65	43	3.975	ng	# 9
51) 2,6-Dinitrotoluene	13.88	165	111	2.908	ng	# 65
53) 3-Nitroaniline	14.25	138	15	3.275	ng	# 1
54) 2,4-Dinitrophenol	14.43	184	17	8.060	ng	# 1
57) 2,4-Dinitrotoluene	14.70	165	165	3.815	ng	# 72
62) 4-Nitroaniline	15.40	138	52	2.420	ng	# 73
65) 4,6-Dinitro-2-methylphenol	15.45	198	11	6.901	ng	# 1
80) Butylbenzylphthalate	20.33	149	771	3.074	ng	# 66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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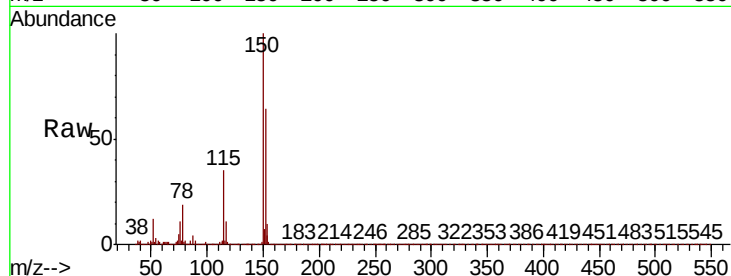


#1

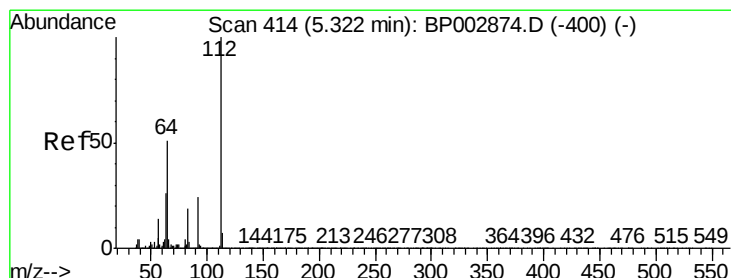
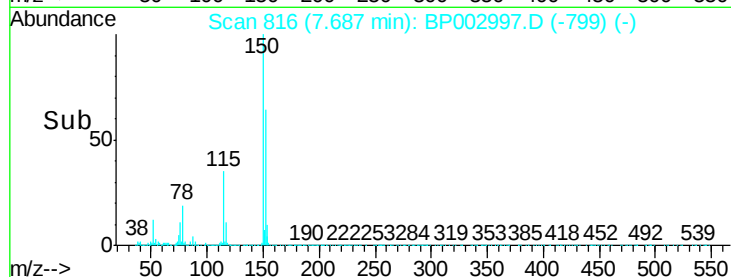
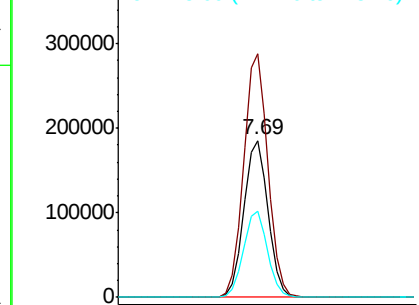
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Instrument :
BNA_P
ClientSampleId :
PB130950TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.1	189.1
115	54.8	43.4	65.2



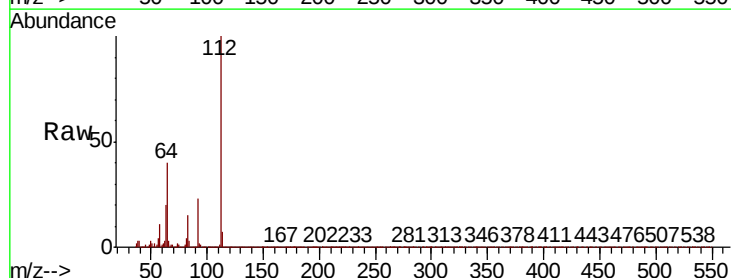
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



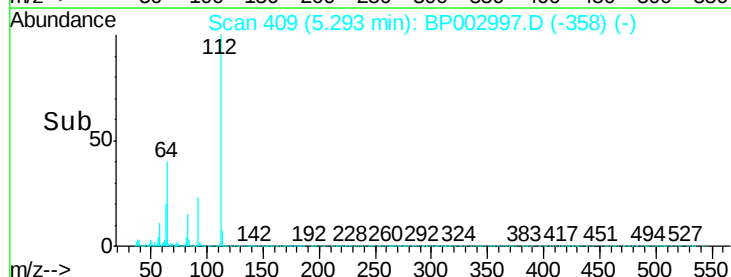
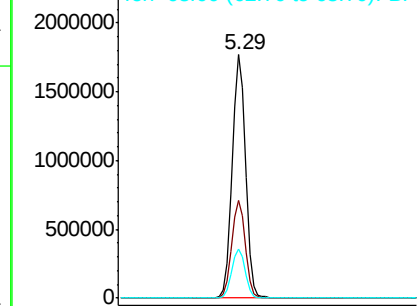
#5

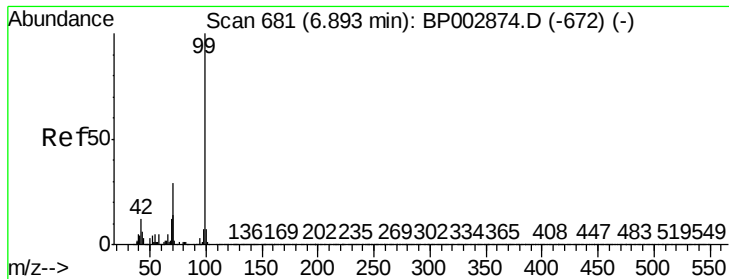
2-Fluorophenol
Concen: 134.802 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.1	33.4	50.2
63	20.4	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 98.748 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP002997.D

Acq: 17 Aug 2020 11:57

Instrument :

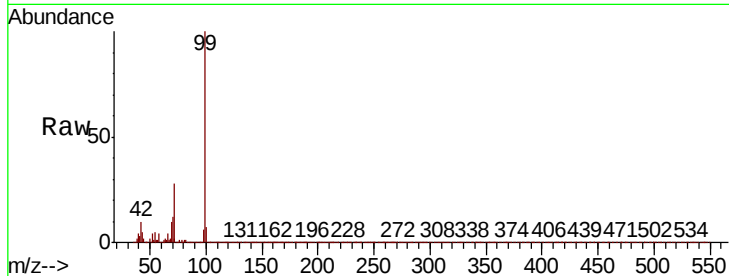
BNA_P

ClientSampleId :

PB130950TB

Tot Ion: 99 Resp: 2558712

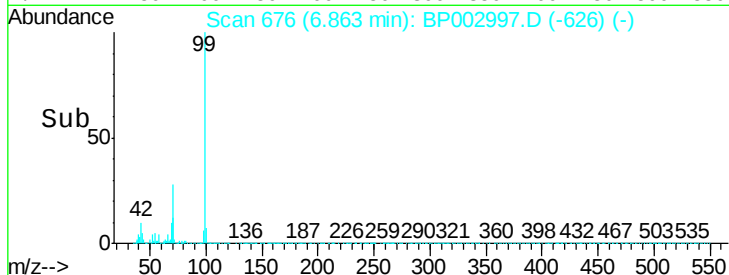
Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.0	12.0
71	27.5	21.3	31.9



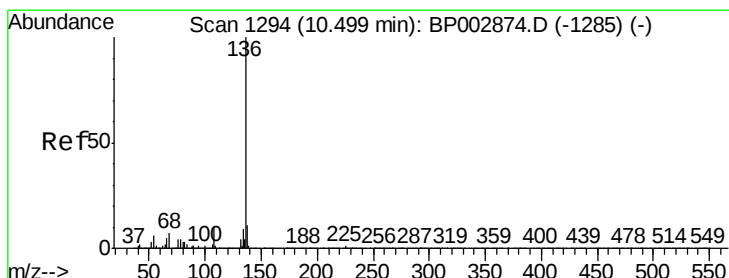
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1288

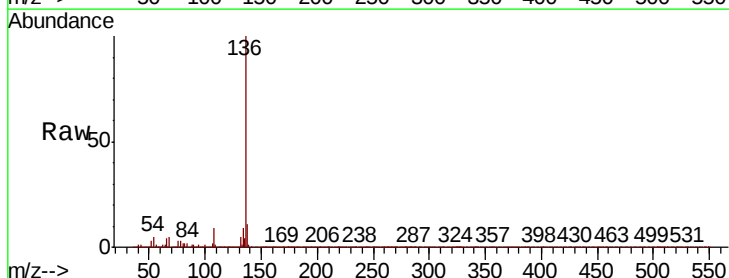
Delta R.T. -0.01 min

Lab File: BP002997.D

Acq: 17 Aug 2020 11:57

Tgt Ion: 136 Resp: 1295427

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.8	3.8	5.8
68	4.8	3.8	5.8

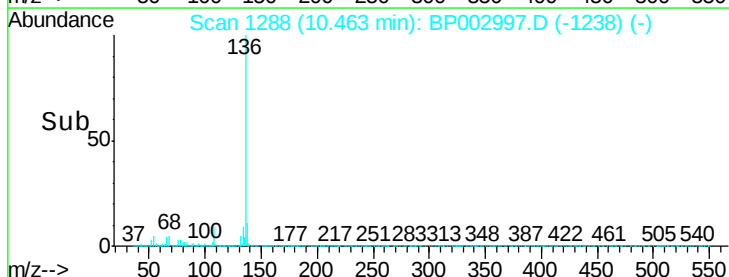


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



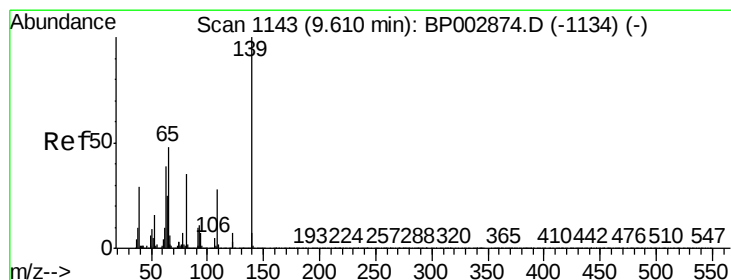
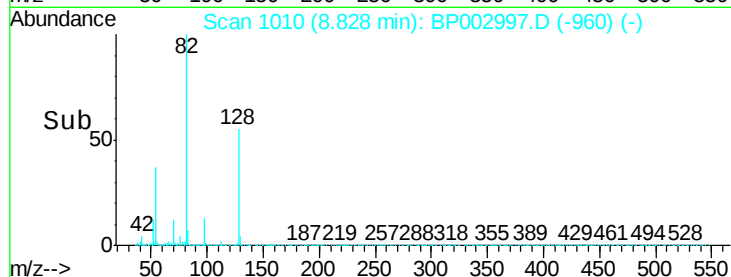
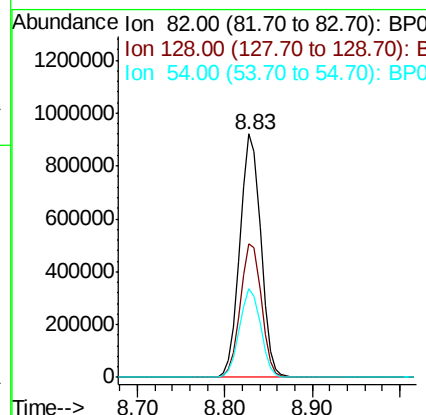
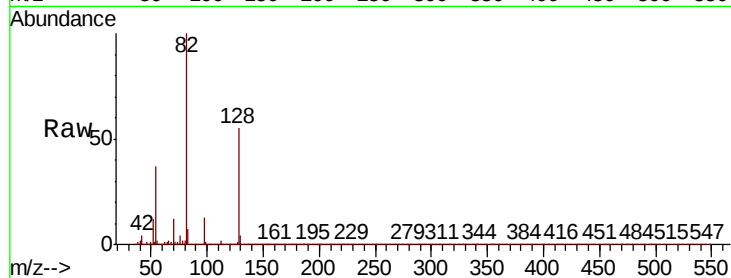
Time-->



#23
 Nitrobenzene-d5
 Concen: 62.357 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP002997.D
 Acq: 17 Aug 2020 11:57

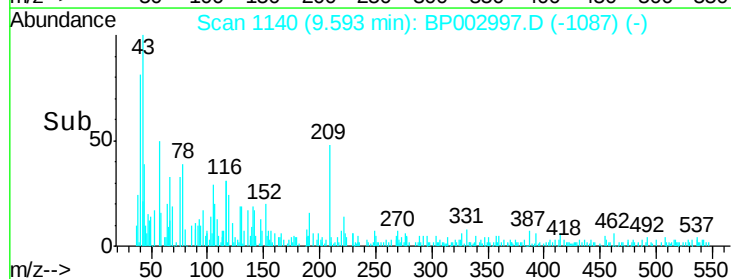
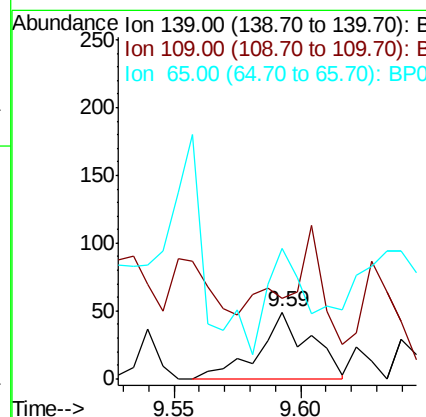
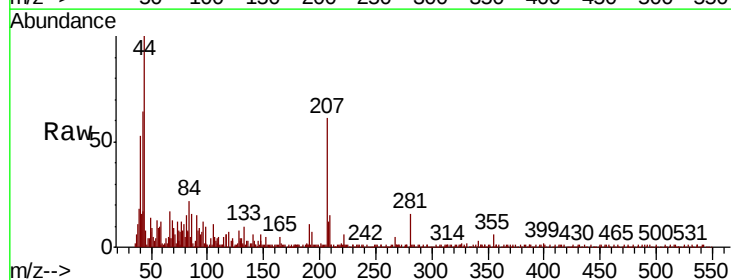
Instrument :
 BNA_P
 ClientSampleId :
 PB130950TB

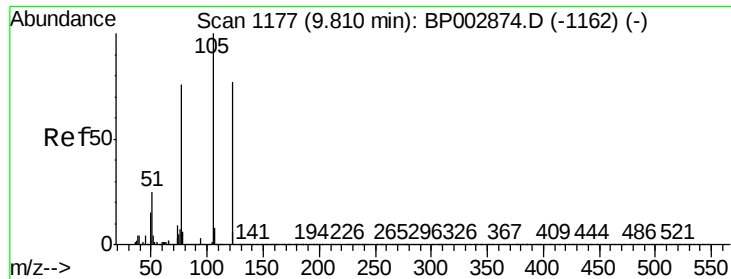
Tot Ion: 82 Resp: 1491429
 Ion Ratio Lower Upper
 82 100
 128 54.9 45.1 67.7
 54 36.6 28.8 43.2



#26
 2-Nitrophenol
 Concen: 4.526 ng
 RT: 9.59 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BP002997.D
 Acq: 17 Aug 2020 11:57

Tgt Ion: 139 Resp: 69
 Ion Ratio Lower Upper
 139 100
 109 120.4 21.0 31.6#
 65 195.9 27.2 40.8#





#32

Benzoic acid

Concen: 7.687 ng

RT: 9.81 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BP002997.D

Acq: 17 Aug 2020 11:57

Instrument :

BNA_P

ClientSampleId :

PB130950TB

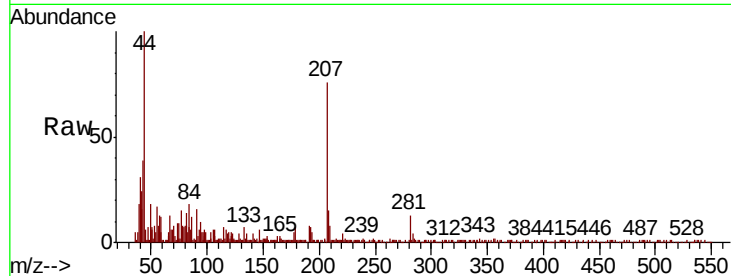
Tot Ion:122 Resp: 20

Ion Ratio Lower Upper

122 100

105 223.7 96.2 136.2#

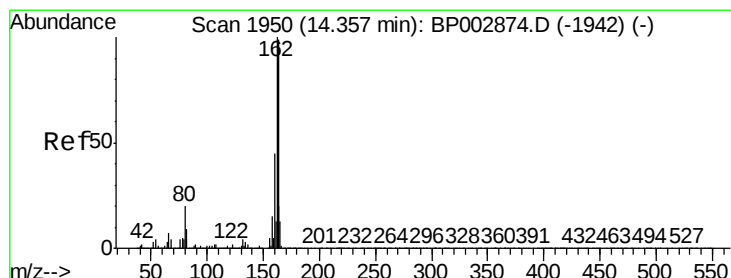
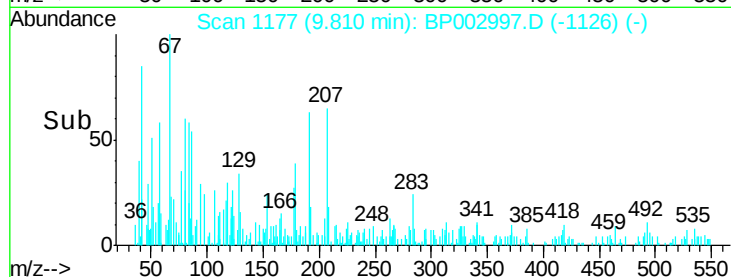
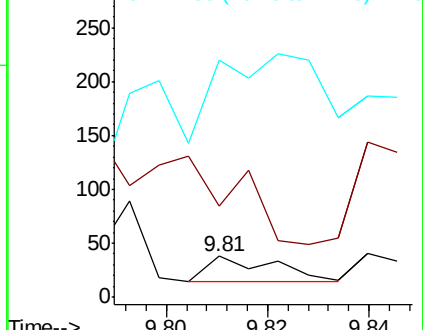
77 578.9 55.6 95.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BP002997.D

Acq: 17 Aug 2020 11:57

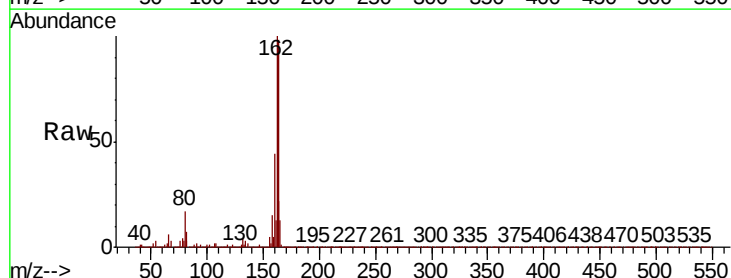
Tgt Ion:164 Resp: 677223

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

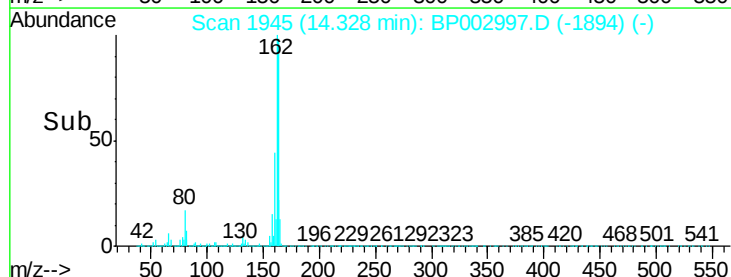
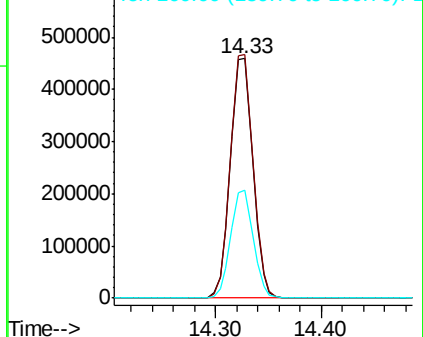
160 44.8 35.5 53.3

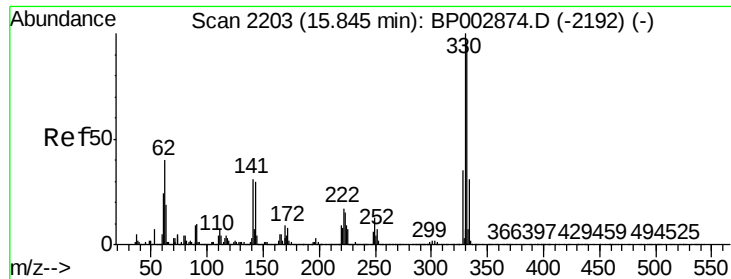


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

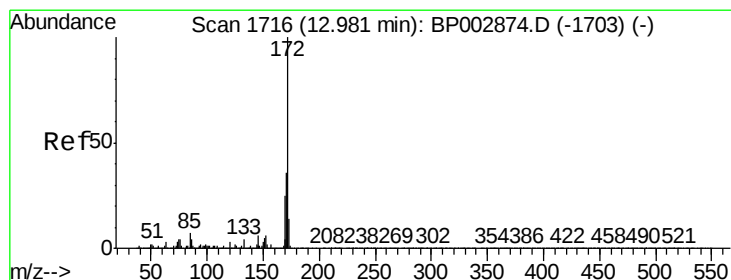
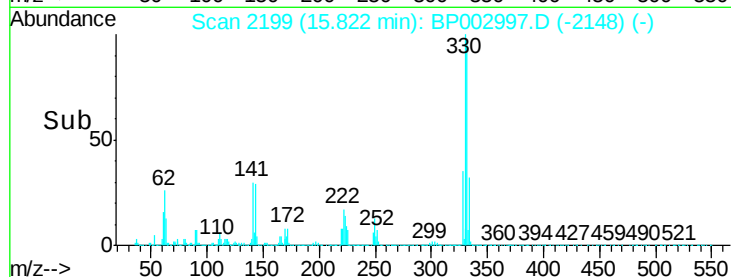
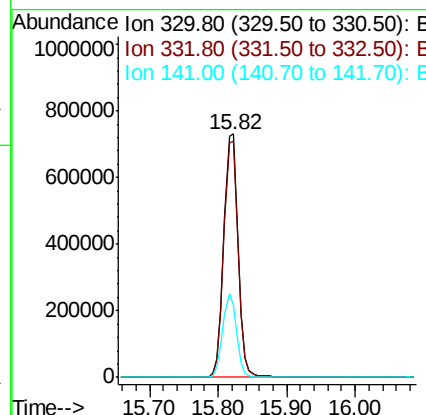
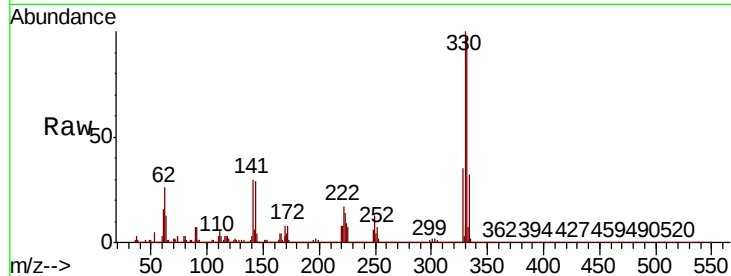




#42
 2,4,6-Tribromophenol
 Concen: 125.359 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BP002997.D
 Acq: 17 Aug 2020 11:57

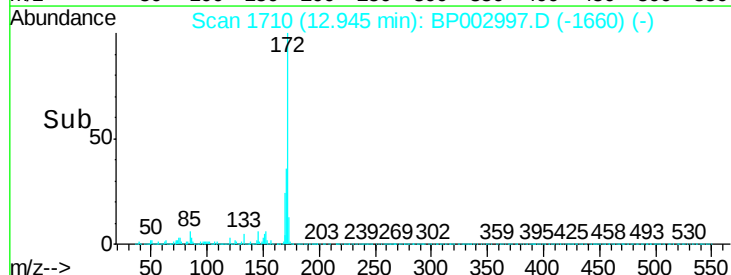
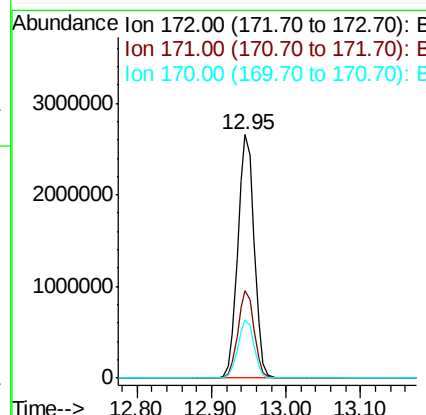
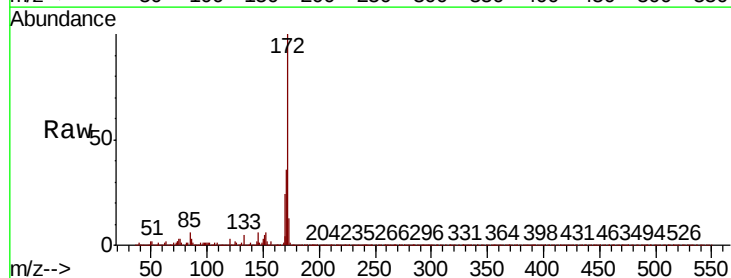
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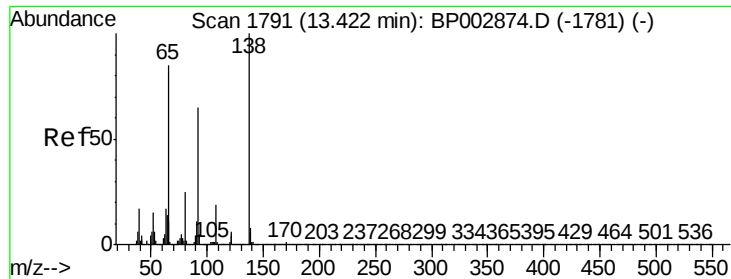
Tot Ion:330 Resp: 1055158
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 33.3 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 82.212 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP002997.D
 Acq: 17 Aug 2020 11:57

Tgt Ion:172 Resp: 4074937
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 23.7 19.1 28.7

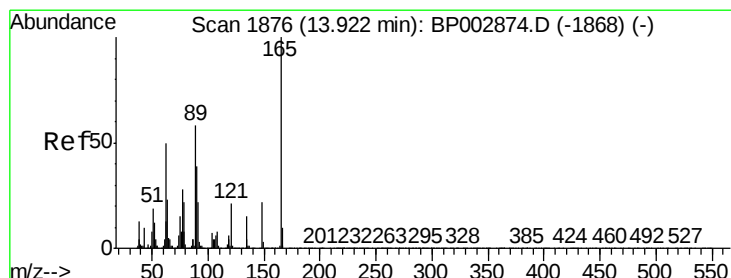
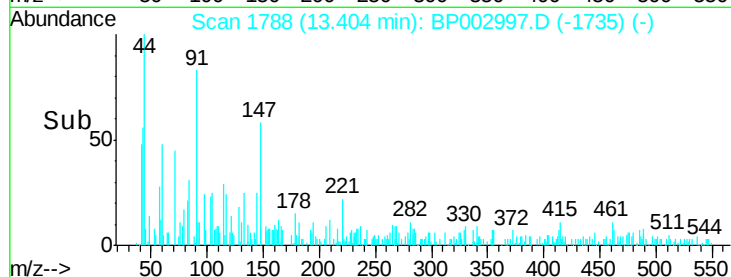
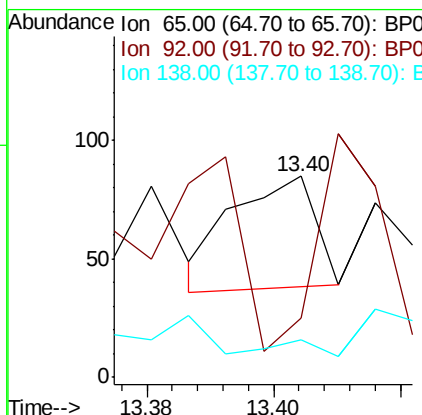
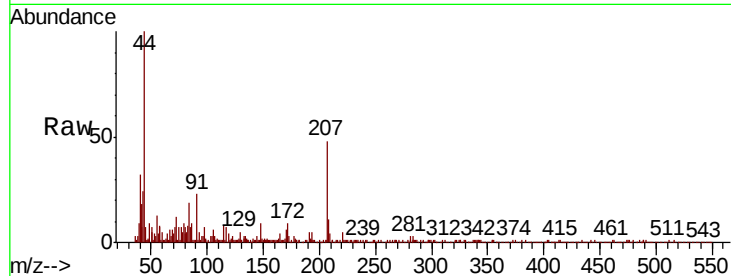




#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.40 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

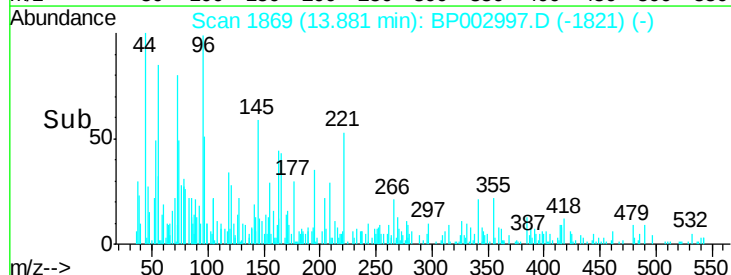
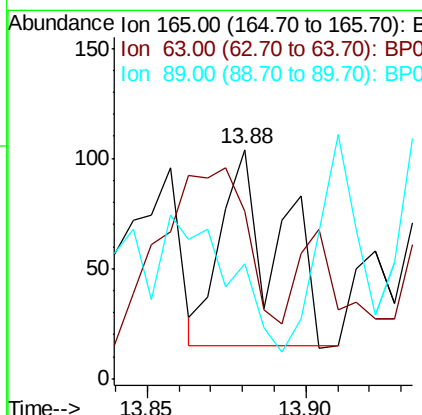
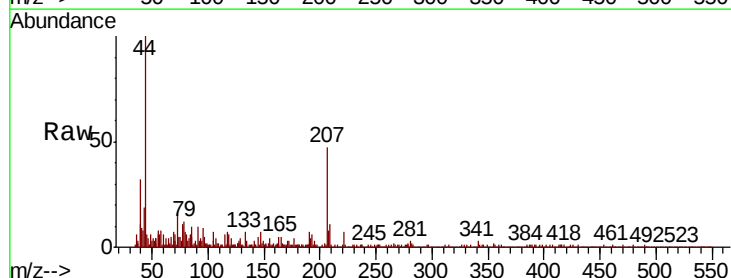
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PB130950TB

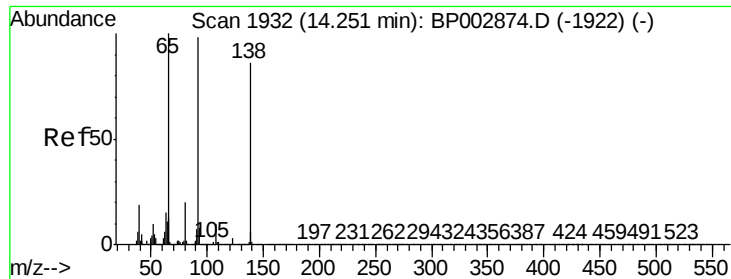
Tot Ion: 65 Resp: 43
Ion Ratio Lower Upper
65 100
92 25.5 70.1 105.1#
138 23.5 129.7 194.5#



#51
2,6-Dinitrotoluene
Concen: 2.908 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Tgt Ion: 165 Resp: 111
Ion Ratio Lower Upper
165 100
63 73.1 28.1 42.1#
89 50.0 34.5 51.7

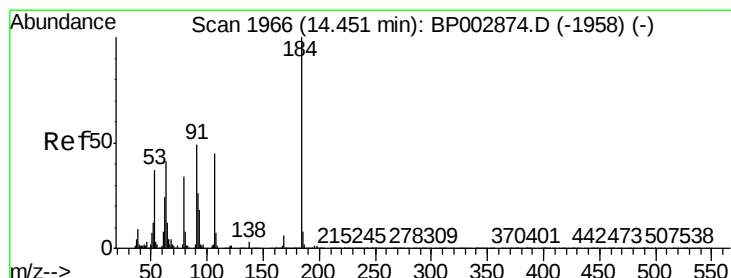
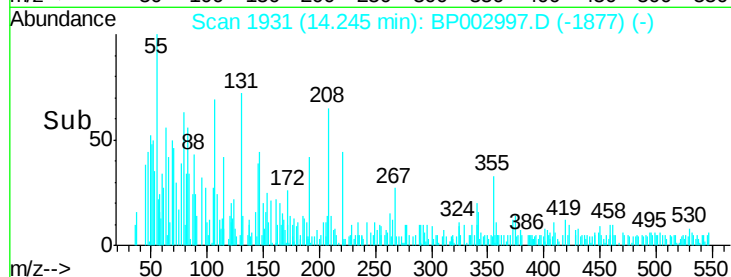
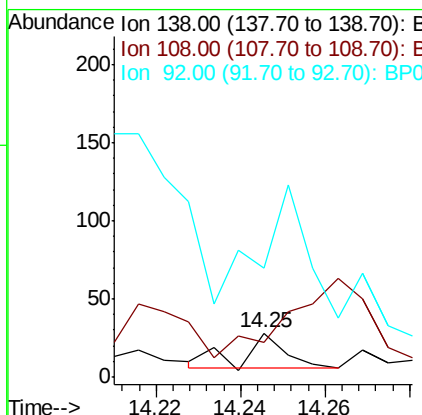
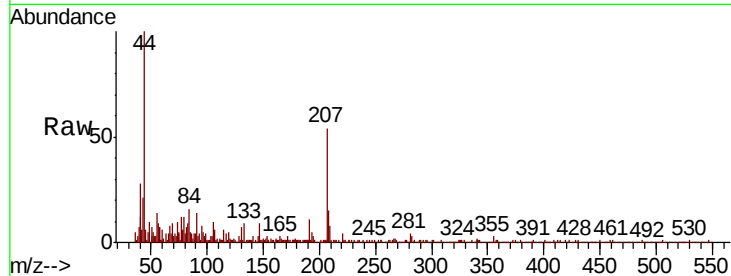




#53
 3-Nitroaniline
 Concen: 3.275 ng
 RT: 14.25 min Scan# 1931
 Delta R.T. 0.02 min
 Lab File: BP002997.D
 Acq: 17 Aug 2020 11:57

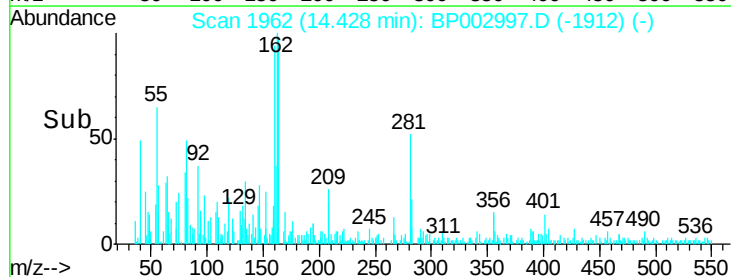
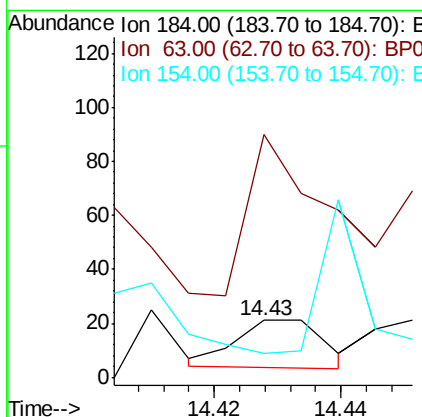
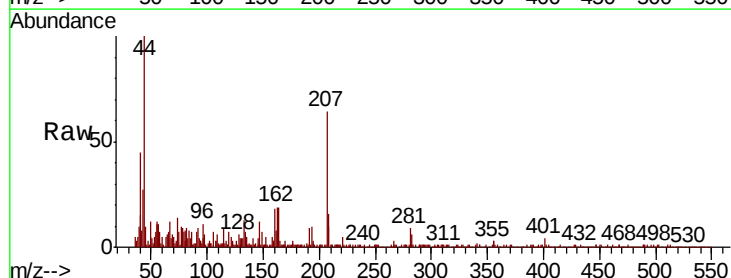
Instrument :
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 ClientSampleId :
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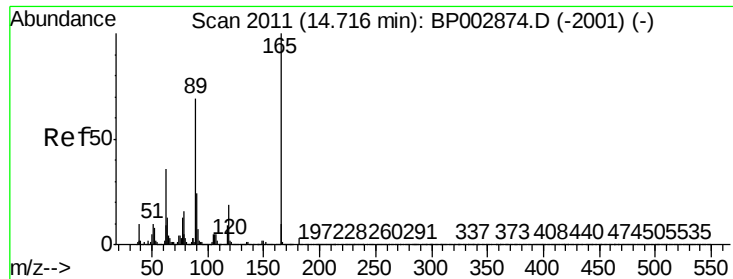
Tot Ion:138 Resp: 15
 Ion Ratio Lower Upper
 138 100
 108 78.6 7.7 11.5#
 92 250.0 75.6 113.4#



#54
 2,4-Dinitrophenol
 Concen: 8.060 ng
 RT: 14.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BP002997.D
 Acq: 17 Aug 2020 11:57

Tgt Ion:184 Resp: 17
 Ion Ratio Lower Upper
 184 100
 63 264.7 33.0 49.6#
 154 26.5 46.8 70.2#

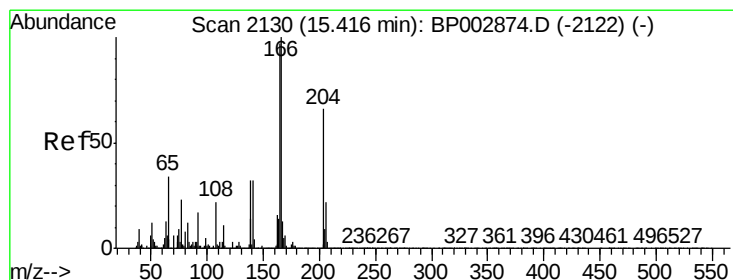
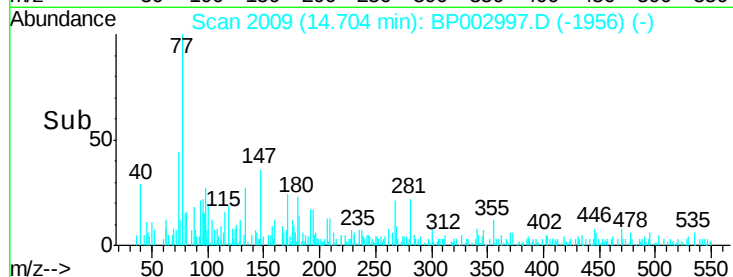
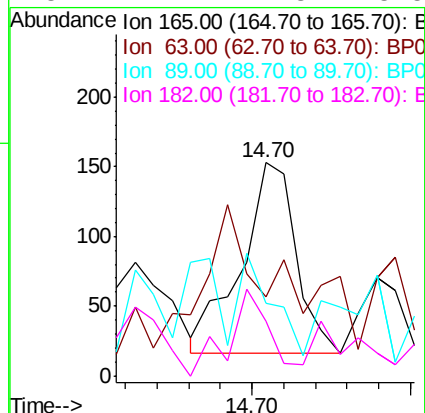
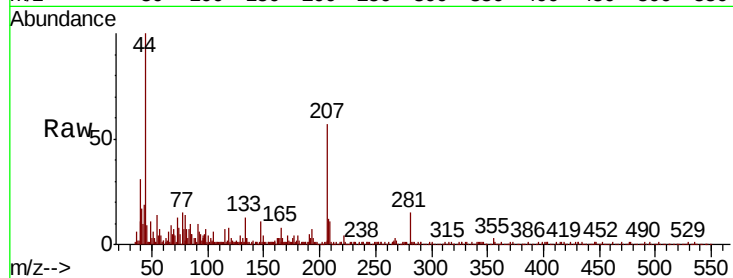




#57
2,4-Dinitrotoluene
Concen: 3.815 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

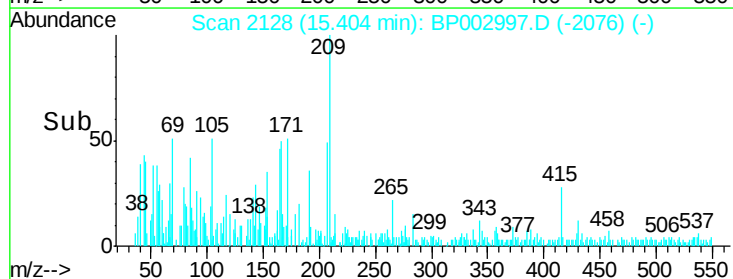
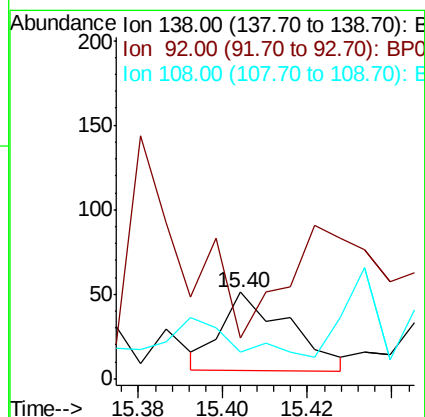
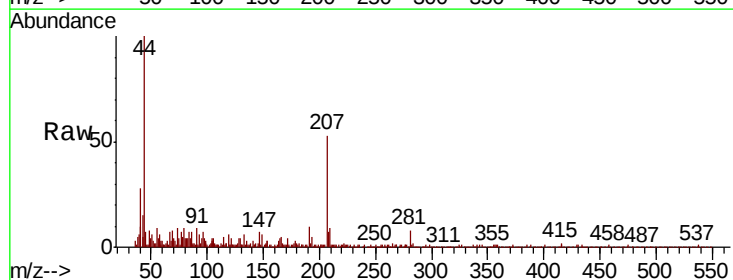
Instrument :
BNA_P
ClientSampleId :
PB130950TB

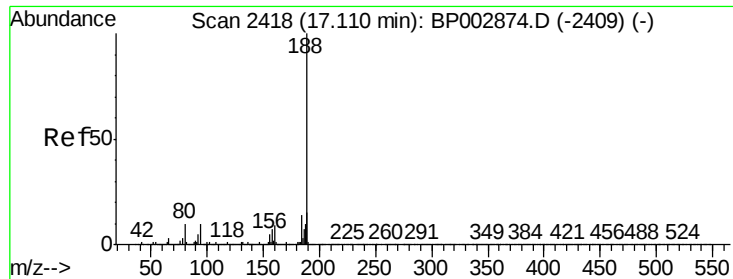
Tot Ion:165	Resp:	165
Ion	Ratio	Lower Upper
165	100	
63	33.1	20.6 31.0#
89	30.2	43.4 65.0#
182	22.7	2.3 3.5#



#62
4-Nitroaniline
Concen: 2.420 ng
RT: 15.40 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Tgt Ion:138	Resp:	52
Ion	Ratio	Lower Upper
138	100	
92	47.1	21.4 61.4
108	31.4	40.8 80.8#

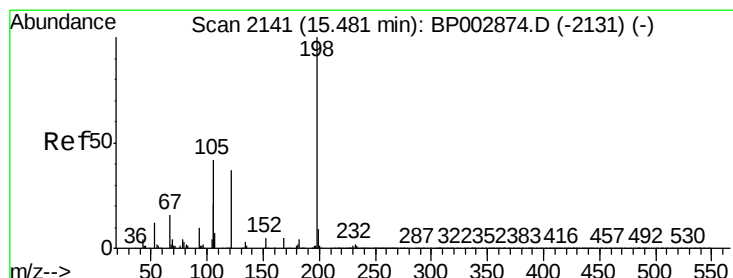
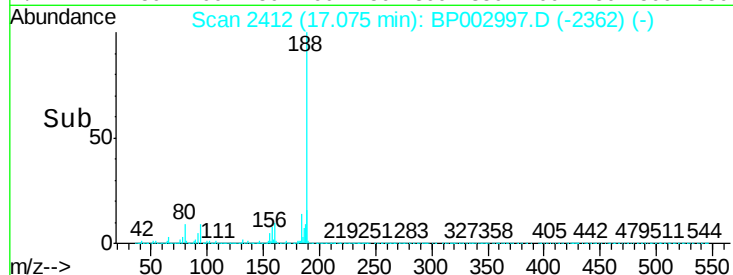
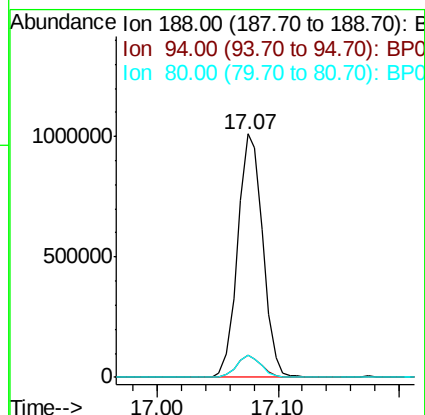
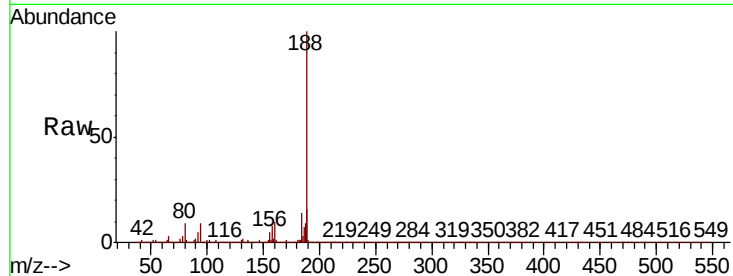




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

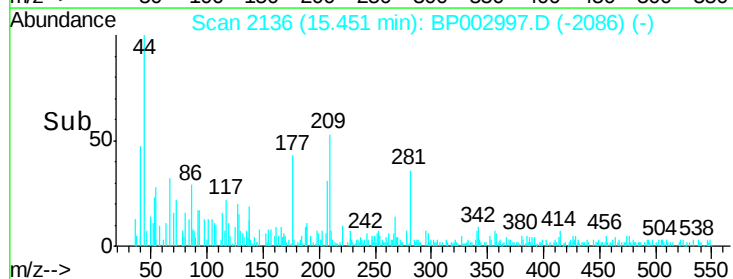
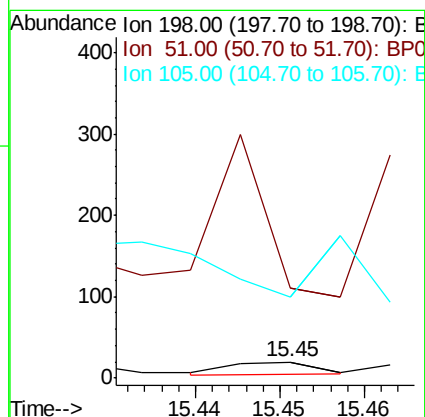
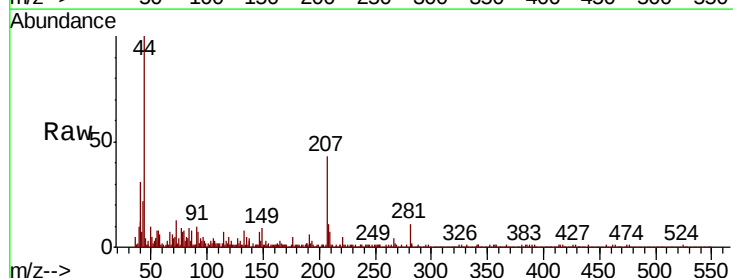
Instrument :
BNA_P
ClientSampleId :
PB130950TB

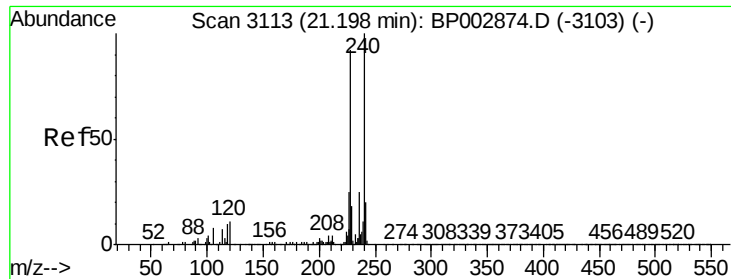
Tot Ion:188 Resp: 1461881
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.0 6.7 10.1



#65
4,6-Dinitro-2-methylphenol
Concen: 6.901 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 555.0 6.2 46.2#
105 495.0 19.9 59.9#

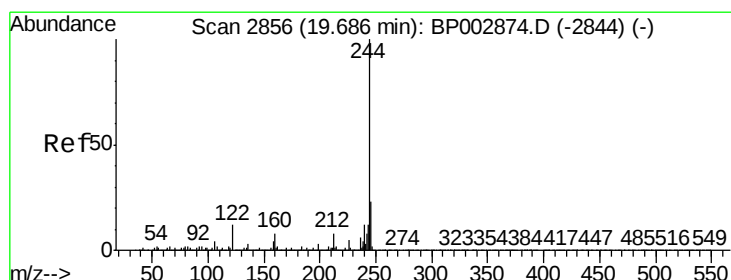
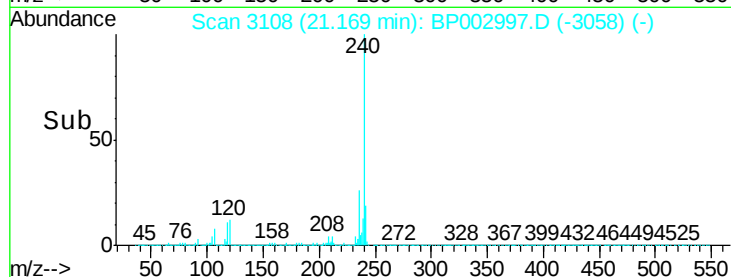
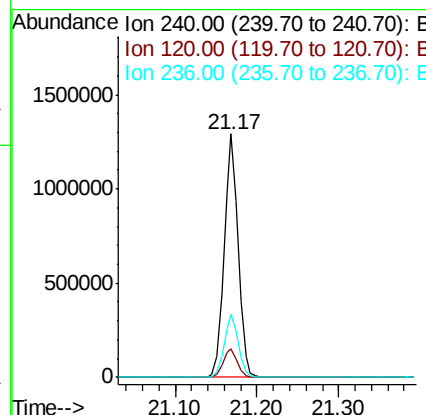
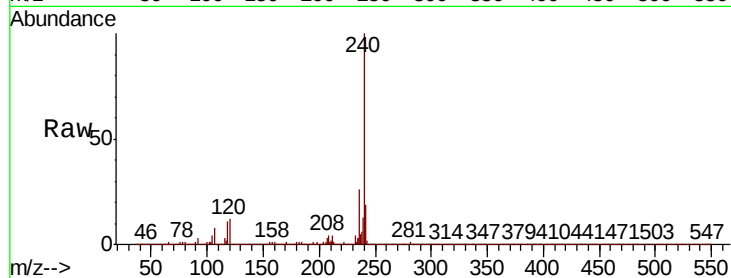




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

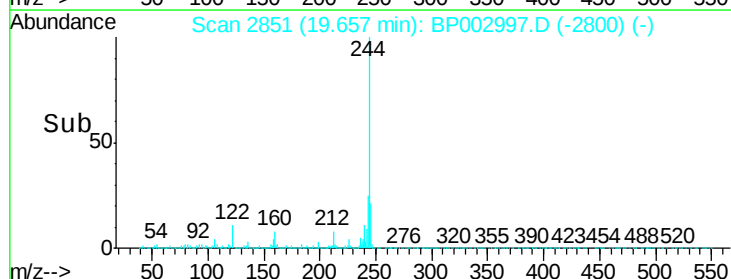
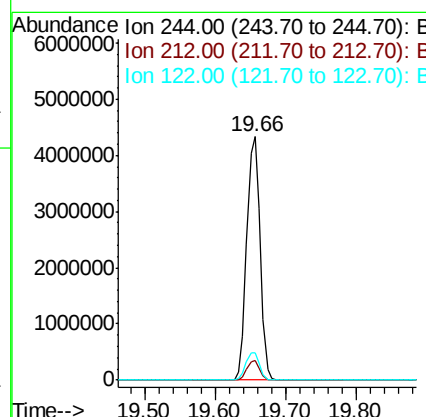
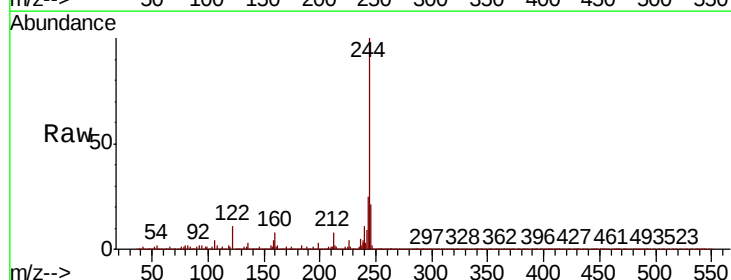
Instrument :
BNA_P
ClientSampleId :
PB130950TB

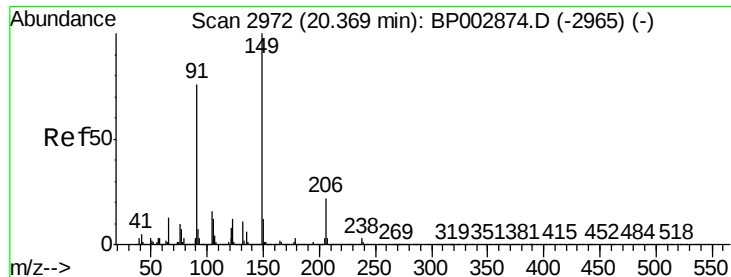
Tot Ion:240 Resp: 1531916
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 74.633 ng
RT: 19.66 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Tgt Ion:244 Resp: 5710987
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 11.0 8.7 13.1

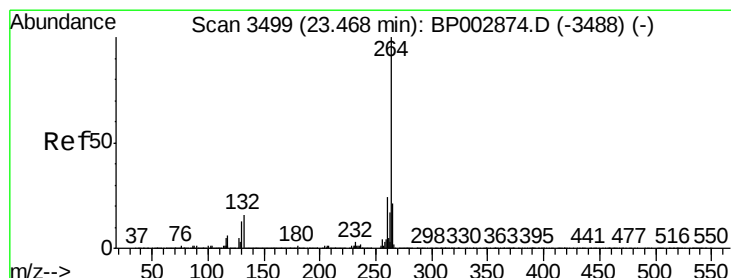
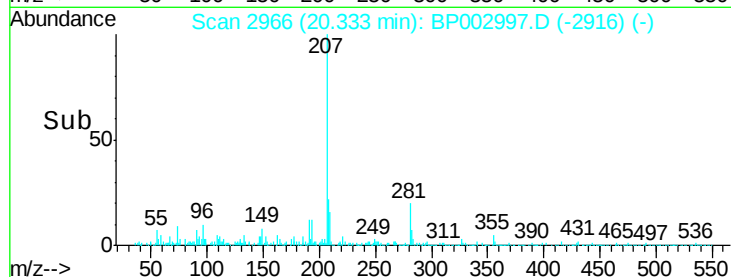
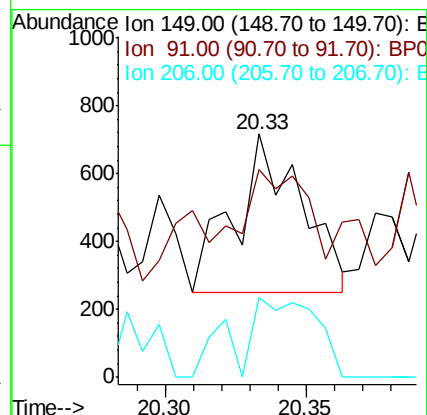
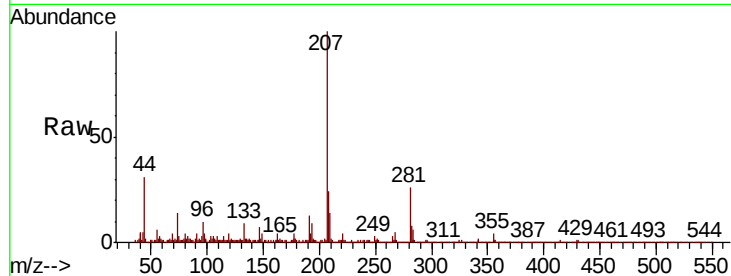




#80
Butylbenzylphthalate
Concen: 3.074 ng
RT: 20.33 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Instrument :
BNA_P
ClientSampleID :
PB130950TB

Tot Ion:149 Resp: 771
Ion Ratio Lower Upper
149 100
91 85.4 45.3 67.9#
206 32.5 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP002997.D
Acq: 17 Aug 2020 11:57

Tgt Ion:264 Resp: 1646708
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 17.3 25.9

